



UCF-293DIV

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : CHOW ET AL
Serial No. : 10/764,242
Filed : 01/23/2004
TC/A.U. : 2832
Examiner : Karl D. Eastholm
Docket No. : UCF-293DIV
Customer No. : 23717
For : NANO SCALE TEMPERATURE SENSORS AND HEATERS

Commissioner of Patents and Trademarks

P.O. Box 1450
Alexandria, VA 22313-1450

MAILED: 6/16/05


Honorable Commissioner:

I enclose the following papers:

1. Amendment Response and Arguments

Please enter the above correspondence.

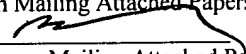
Respectfully submitted,


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CERTIFICATE OF MAILING (37 CFR 1.8a)

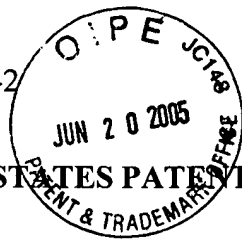
I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below as First Class Mail, in an envelope addressed to the: Commissioner of Patents and Trademarks, P.O. Box 1450 Alexandria, VA 22313-1450.

6/16/05
Date

Brian S. Steinberger
(Name of Person Mailing Attached Papers)

(Signature of Person Mailing Attached Papers)

11:07 PM 6/16/2005

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Atty. Dkt.
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AMENDMENT

Sir:

In response to the office action mailed March 16, 2005, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3 of this paper.

Remarks/Arguments begin on page 6 of this paper.

This paragraph change will replace all prior versions, and listings, in the application.

Page 2, line 25, add paragraphs as follows:

In preferred embodiments, the first metal nano sized strip and the second metal nano sized strip each can include a thickness(diameter) of approximately 50nm, and a bi-metal sensing junction therebetween that can include a cross-sectional area of approximately 50 X 50 nm².

Further objects and advantages of this invention will be apparent from the following detailed description of the presently preferred embodiments which are illustrated schematically in the accompanying drawings.